D-CLASS FSJ1-50A SureFlex® Jumper with interface types 4.3-10 Male and 4.3-10 Male with HELIAX® SureGuard weatherproofing boot, variable length.

- WARNING: DO NOT MATE WITH 4.1-9.5 DIN

Product Classification

Product Type: Wireless transmission cable assembly
Product Series: FSJ1-50A

General Specifications

Body Style, Connector A: Straight
Body Style, Connector B: Straight
Interface, Connector A: 4.3-10 Male
Interface, Connector B: 4.3-10 Male
Specification Sheet Revision Level: A
Variable Length: For custom lengths contact 828-324-2200 or 1-800-982-1708 (toll free), or your local CommScope representative

Dimensions
Nominal Size: 1/4 in

Electrical Specifications

3rd Order IMD Dynamic: -119 dBm
3rd Order IMD Dynamic Test Method: Two +43 dBm carriers per IEC 62037

VSWR/Return Loss

<table>
<thead>
<tr>
<th>Frequency Band</th>
<th>VSWR</th>
<th>Return Loss (dB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>698–960 MHz</td>
<td>1.152</td>
<td>23.02</td>
</tr>
<tr>
<td>1700–2200 MHz</td>
<td>1.152</td>
<td>23.02</td>
</tr>
<tr>
<td>2200–2700 MHz</td>
<td>1.152</td>
<td>23.02</td>
</tr>
</tbody>
</table>
Jumper Assembly Sample Label

Environmental Specifications

Immersion Test Method
Meets IEC 60529:2001, IP68 in mated condition

Weatherproofing Method
HELIAX® SureGuard weatherproofing boot

Packaging and Weights

Included
Weatherproofing boot

Regulatory Compliance/Certifications

Agency
ISO 9001:2015
Classification
Designed, manufactured and/or distributed under this quality management system